

## Product Information and Specifications PaperOne™ Envelope

**PAPERONE™ ENVELOPE** is the ultimate paper for Envelopes with excellent print quality. Specially engineered for modern envelope making machines. **PAPERONE™ ENVELOPE** is available in high-bright white shade and is produced using 100% ECF pulp from renewable plantation fibre. This paper is alkaline sized to meet ISO 9706 for archival quality.

### PRINTING METHODS

- Sheet Fed Offset
- Heat-set Web Offset
- Cold-set Web Offset

### FINISHINGS

- High strength Envelope making
- Gluing, indexing
- Spiral binding
- Cutting & folding

### BENEFITS



No Post  
Print Curling



High Strength  
Paper



Better Water  
Resistance



Excellent  
Printability



Reduced  
Dusting



### SPECIFICATIONS: HIGH BRIGHT

CHARACTERISTICS	UNITS	TOLERANCE	TEST METHOD	QUALITY SPECIFICATION
Basis Weight	gsm	± 3%	ISO 536	90
Thickness	µm	± 3	ISO 534	122
Moisture	%	± 0.5	ISO 287	5
CIE Whiteness	#	± 2	ISO 11475	158
ISO Brightness	%	± 2	ISO 2470	94
ISO Opacity	%	± 2	ISO 2471	95
Roughness	ml/min	± 50	ISO 8791-2	180



Specifications are accurate as of Oct 2015 in accordance with international standards for tolerances and subjected to changes.  
\*Based on benchmarking studies under controlled conditions, subject to change.

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### SPECIFICATIONS: CREAMY WHITE (in Metric Unit)

CHARACTERISTICS	UNITS	TOLERANCE	TEST METHOD	QUALITY SPECIFICATION					
Basis Weight	gsm	± 3%	ISO 536	75	77	90	100	105	110
Thickness	µm	± 3	ISO 534	103	105	122	130	133	138
Moisture	%	± 0.5	ISO 287	6.5	6.5	6.5	6.5	6.5	6.5
CIE Whiteness	#	± 2	ISO 11475	150	150	150	150	150	150
ISO Brightness	%	± 2	ISO 2470	95	95	95	95	95	95
ISO Opacity	%	± 2	ISO 2471	92	92	95	96	97	97
Roughness	ml/min	± 50	ISO 8791-2	200	200	180	180	180	180

### SPECIFICATIONS: CREAMY WHITE (in Imperial Unit)

CHARACTERISTICS	UNITS	TOLERANCE	TEST METHOD	QUALITY SPECIFICATION					
Basis Weight	lbs	± 3%	TAPPI 410	51.02	52.38	61.22	68.03	71.43	74.83
Thickness	mils	± 0.11	TAPPI 411	4.06	4.13	4.8	5.12	5.24	5.43
Moisture	%	± 0.5	ISO 287	6.5	6.5	6.5	6.5	6.5	6.5
CIE Whiteness	D65	± 2	ISO 11475	150	150	150	150	150	150
ISO Brightness	%	± 2	TAPPI 452	93	93	93	93	93	93
ISO Opacity	%	± 2	TAPPI 2471	92	92	95	96	97	97
Sheffield Smoothness	ml/min	± 25	TAPPI 555	135	135	130	130	130	130



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